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Alberta Authorized Resource List and Annotated Bibliography

Knowledge and Employability

Mathematics Grades 8–12

March 2007

The complete document is available online at
http://education.alberta.ca/teachers/com/know/resources/kelist.aspx

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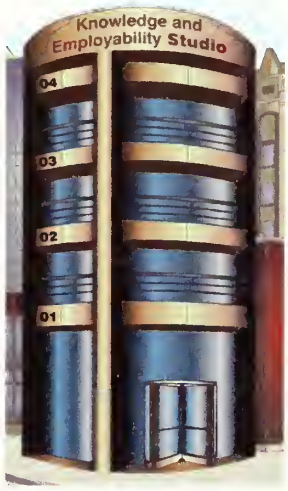
Knowledge and Employability

Alberta Authorized Resource List and Annotated Bibliography

Mathematics Grades 8–12



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Alberta EDUCATION

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Questions or concerns regarding this document can be addressed to the Learning and Teaching Resources Branch, Alberta Education. Telephone: 780–427–2984, Fax: 780–422–0576. To be connected toll free inside Alberta, dial 310–0000.

The primary intended audience for this document is:

Administrators	
Counsellors	
General Audience	
Parent School Councils	
Parents	
Students	
Teachers	✓

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ORGANIZATION OF THIS DOCUMENT

The authorized resource lists for Knowledge and Employability courses are organized by subject/occupational strand. The lists are organized as follows:

Authorized Resources Listed by Subject (Grades 8–12)

Student Basic Resources are listed alphabetically within each grade, followed by Student Support Resources and Teaching Resources. Each entry provides the following information:

- series name (if applicable)
- title of resource
- authorization category (student basic, student support, teaching)
- grades authorized for
- vendor/distributor name, order number and price
- other Knowledge and Employability subjects authorized for (if any).

Annotated Bibliography Listed Alphabetically by Title

Each of the resources listed has a corresponding annotation. Each annotation page identifies the:

- series name (if applicable)
- title of resource
- type of resource—the annotation has an icon of the type of the resource (e.g., print, video, CD–ROM)
- authorization category (student basic, student support, teaching)
- grades authorized for
- subjects authorized for
- vendor/distributor name, order number and price.

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RESOURCE AUTHORIZATION CATEGORIES

Knowledge and Employability Resources

The resource lists for Knowledge and Employability courses contain learning and teaching resources that have been authorized for use in Alberta schools.

Alberta Education selects and authorizes resources to support the implementation of programs of study. Teachers are encouraged to select resources that meet the diverse learning needs of students they teach. The resource authorization categories are **student basic**, **student support** or **teaching**:

> **Student Basic** learning resources are those student learning resources authorized by Alberta Education as the most appropriate for addressing the majority of outcomes of the course(s) or substantial components of the course(s); or the most appropriate for meeting general outcomes across two or more grade levels.
>
> **Student Support** learning resources are those student learning resources authorized by Alberta Education to assist in addressing some of the outcomes of the course(s) or components of the course(s); or to assist in meeting the outcomes across two or more grade levels.
>
> **Teaching** resources are those teaching resources identified as the best available resources to support the implementation of programs of study and courses; they may be teacher guides to accompany student resources or teacher professional resources. The authorized teaching guides are listed with the student resources.

These resources are organized by grade, authorization status and title in alphabetical order. Series names are italicized. Grade level(s) are indicated beside each title and there is a cross-reference column to other Knowledge and Employability subjects on the right side of the page.

Note:

Alberta Education strongly recommends that teachers read all selections in the student resources and all activities in the teacher guides prior to using them with students. Careful consideration should be given to the sensitivities of both the student audience and the community, and to the reading levels of students.

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Knowledge and Employability Resource Lists

The authorized resource lists for Knowledge and Employability courses are organized by subject and occupational strand. In addition to the stated subject area, each list will include Career Awareness and Universal Strategies. The following lists are available.

Academic Subjects

- English Language Arts (including the Career Awareness and Universal Strategies sections)
- Novels and Nonfiction
- Mathematics (including the Career Awareness and Universal Strategies sections)
- Science (including the Career Awareness and Universal Strategies sections)
- Social Studies (including the Career Awareness and Universal Strategies sections)

Occupational Strands

- Art/Design and Communication (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Auto Mechanics (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Business Services (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Construction: Building (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Construction: Metal Fabrication (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Cosmetology (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Fabrics (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Foods (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Horticulture (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Human Care (including the Career Awareness, Universal Strategies and Workplace Readiness sections)
- Workplace Readiness (including the Career Awareness and Universal Strategies sections)

In addition to the printed lists, you may wish to consult the Authorized Resources Database at http://www.education.gov.ab.ca/lrdb/default.asp or the Knowledge and Employability Studio at http://www.learnalberta.ca/content-teacher/kes/index.html?launch=true.

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KNOWLEDGE AND EMPLOYABILITY OCCUPATIONAL COMPONENT COURSES

Strand	EXPLORATION Junior High *Units of Study – Levels 1 – 2*	ORIENTATION Senior High		PREPARATION Senior High
Art/Design and Communication	• Practical Arts • Ceramics • Graphic Arts • Photography • Audio/Video	Art/Design 10-4	Art/Design 20-4	Art/Design 30-4
		Art/Media Communications 10-4	Art/Media Communications 20-4	Art/Media Communications 30-4
Auto Mechanics	• Two-stroke Engine • Four-stroke Engine • Basic Car Care and Maintenance	Auto Mechanics 10-4	Auto Mechanics 20-4	Auto Mechanics 30-4
			Auto Services 20-4	Auto Services 30-4
Business Services	• Communicating with Others • Searching for Information • Representing Information	Business Services 10-4	Logistics 20-4	Logistics 30-4
			Office Services 20-4	Office Services 30-4
			Sales and Service 20-4	Sales and Service 30-4
Construction: Building*	• Layout, Design and Drafting • Woods • Metals • Plastics • Electricity	Construction: Building 10-4**	Woodworking and Cabinetry 20-4	Woodworking and Cabinetry 30-4
			Wood Frame Construction 20-4	Wood Frame Construction 30-4
Construction: Metal Fabrication*		Construction: Metal Fabrication 10-4	Construction Systems 20-4	Construction Systems 30-4
			Metal Fabrication 20-4	Metal Fabrication 30-4
Cosmetology	N/A	Cosmetology 10-4	Cosmetology 20-4	Cosmetology 30-4
			Esthetics 20-4	Esthetics 30-4
Fabrics	• Basic Sewing	Fabrics 10-4	Fashion Textiles 20-4	Fashion Textiles 30-4
			Industrial Textiles 20-4	Industrial Textiles 30-4
Foods	• Basic Cooking • Snacks and Convenience Foods • Basic Baking	Foods 10-4	Commercial Cooking 20-4	Commercial Cooking 30-4
			Food Preparation and Service 20-4	Food Preparation and Service 30-4
Horticulture	• Soil Preparation, Plants and Planting • Turf/Grasses • Landscaping	Horticulture 10-4	Greenhouse and Nursery 20-4	Greenhouse and Nursery 30-4
			Landscaping 20-4	Landscaping and Maintenance 30-4
Human Care	• First Aid • Child Care (Noninfants)	Human Care 10-4	Child Care 20-4	Child Care 30-4
			Home Care 20-4	Home Care 30-4
Natural Resources	N/A	Natural Resources 10-4	Agriculture 20-4	Agriculture 30-4
			Forestry 20-4	Forestry 30-4
			Oil and Gas 20-4	Oil and Gas 30-4
Workplace Readiness	• Personal and Workplace Safety • Employment Exploration • Acquiring a Job • Keeping a Job	Workplace Readiness 10-4	Workplace Practicum 20-4	Workplace Practicum 30-4

* These strands have been replaced by the single strand Construction at the junior high school level.

** Students who successfully complete Construction: Building 10-4 may take Construction Systems 20-4.

Availability

Most of the new Alberta resources are available for purchase from:

Learning Resources Centre (LRC)
12360 – 142 Street, Edmonton, AB T5L 4X9
Telephone: (780) 427–5775
Fax: (780) 422–9750
Internet: http://www.lrc.education.gov.ab.ca

LRC order numbers and prices (as of the printing of this booklet) are included for each resource.

Those resources that must be purchased directly from the vendor/distributor are so noted on the authorized list and on the annotation. A listing of vendors/distributors is provided at the end of this booklet.

Authorized Knowledge and Employability Resources

Note:

For a **complete** list of Knowledge and Employability resources, consult the Learning Resources Centre *Alberta Resources Catalogue*. Some of the older resources will be withdrawn from authorized status in the year(s) ahead.

Knowledge and Employability

Mathematics
Grades 8–12

Authorized Resources
Listed by Subject

Mathematics

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Basic Learning Resources					
Basic Math Skills (Student Text)	2003	Basic 9	616287	$78.35	
Essentials of Mathematics 10 (Student Text)	2001	Basic 10	505414	$45.60	
Essentials of Mathematics 11 (Student Text)	2002	Basic 11	Vendor Direct (BC Government Publication Services)		
Life Skills Math	2003	Basic 8, 9			
• Life Skills Math (Student Text)			653601	$78.35	
• Life Skills Math: Student Workbook			653619	$38.60	
Pacemaker Basic Mathematics (3rd Ed.)	2000	Basic 8			
• Pacemaker Basic Mathematics (3rd Ed.) (Student Text)			611203	$63.00	
• Pacemaker Basic Mathematics: Workbook			611211	$31.80	
Support Learning Resources					
Knowledge and Employability Studio (Online Guide to Implementation) «http://www.learnalberta.ca/content-teacher/kes/index.html?launch=true»	2005	Support 8, 9, 10, 11, 12			• All Strands
Mathematics for Everyday Life 11 (Student Text)	2003	Support 10, 11	515306	$59.95	
Numeracy at Work	2002	Support 10, 11	Out of print		
Read to Live (Web Site) (Student Portion) «http://www.education.gov.ab.ca/k_12/curriculum/bysubject/ke/Readtolive/index.html»	2006	Support 8, 9, 10, 11			• All Strands
Teaching Resources					
The Alberta Framework of Essential Competencies for Working, Learning and Living	2001	Teaching 8, 9, 10, 11			• English Language Arts • Career Awareness • Universal Strategies
• Alberta Framework of Essential Competencies for Working, Learning and Living: Action Planner and Framework			461799	$10.00	

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Mathematics (continued)

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Basic Math Skills	2003	Teaching 9			
• Basic Math Skills: Teacher's Edition			616295	$116.90	
• Basic Math Skills: Teacher's Resource Library (Macintosh / Windows Version)			616302	$341.35	
Classroom Strategies for Interactive Learning (2nd Ed.)	2001	Teaching 8, 9, 10, 11	Out of print		• English Language Arts • Science • Social Studies • Career Awareness • Universal Strategies
Essentials of Mathematics 10: Teacher Resource Book	2002	Teaching 10	Vendor Direct (BC Government Publication Services)		
Essentials of Mathematics 11: Teacher Resource Book	2002	Teaching 11	Vendor Direct (BC Government Publication Services)		
Helping Low Achievers Succeed at Mathematics *Springboards for Teaching*	1999	Teaching 8, 9	482604	$24.55	
How to Assess Authentic Learning (4th Ed.)	2005	Teaching 8, 9, 10, 11	623068	$54.90	• English Language Arts • Science • Social Studies • Career Awareness • Universal Strategies
Life Skills Math	2003	Teaching 8, 9			
• Life Skills Math: Teacher's Edition			616310	$116.90	
• Life Skills Math: Teacher's Resource Library (Macintosh / Windows Version)			653635	$341.35	
• Life Skills Math: Teaching Strategies in Math Transparencies			653669	$106.40	
• Life Skills Math: Workbook Answer Key			Pending		
• Life Skills Math: Skill Track Software (Windows / Macintosh Version)			653627	$685.00	
Mathematics Every Elementary Teacher Should Know *Springboards for Teaching*	1999	Teaching 8, 9, 10, 11	482612	$24.55	
Mathematics for Everyday Life 11: Teacher's Resource (with Spreadsheet Templates CD–ROM)	2003	Teaching 10, 11	519829	$135.70	
The Mindful School: How to Assess Authentic Learning (3rd Ed.)	1999	Teaching 8, 9, 10, 11	Out of print		• English Language Arts • Science • Social Studies • Career Awareness • Universal Strategies
Modified Mathematics 8 (Western Edition): Teacher's Resource Package	2000	Teaching 8, 9	435447	$299.80	
Modified Mathematics 9 (Western Edition): Teacher's Resource Package	2000	Teaching 8, 9	435455	$299.80	

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Mathematics (continued)

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Pacemaker Basic Mathematics (3rd Ed.)	2000	Teaching 8, 9, 10			
• Pacemaker Basic Mathematics (3rd Ed.): Teacher's Answer Edition			611229	$92.40	
• Pacemaker Basic Mathematics (3rd Ed.): Teacher's Planning Guide			611245	$80.20	
• Pacemaker Basic Mathematics (3rd Ed.): Classroom Resource Binder			611237	$276.90	
Radical Math (Volume X): Card & Dice Games for Grades 6 to 12 (Millenium Edition) *Box Cars & One Eyed Jacks*	2001	Teaching 8, 9	482159	$38.55	
Read to Live (CD–ROM)	2006	Teaching 8, 9, 10, 11, 12	Pending		• All Strands
Read to Live (Web Site) (Teacher Portion) «http://www.education.gov.ab.ca/k_12/curriculum/bysubject/ke/Readtolive/index.html»	2006	Teaching 8, 9, 10, 11			• All Strands
NEW Work Safe Alberta: Workplace Health and Safety Kit (includes Teacher Resource Binder 1 - September 2006; Teacher Resource Binder 2 - September 2006; Workplace Health and Safety Teacher Toolkit)	(2006)	Teaching 8, 9, 10, 11, 12	676926	$131.25	• All Strands

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Career Awareness

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Basic Learning Resources					
Making It Work: A Handbook for Reading, Writing, Language, and Media	2003	Basic 10, 11, 12	515281	$28.40	• English Language Arts • Universal Strategies
The Road Ahead: Reading Selections for Canadian Students (Student Anthology)	2003	Basic 10, 11, 12	515273	$41.00	• English Language Arts • Universal Strategies
Steck-Vaughn Connections: Basic Skills in Reading	2000	Basic 8, 9, 10, 11, 12	478504	$24.70	• English Language Arts • Universal Strategies
Steck-Vaughn Connections: Basic Skills in Writing	2000	Basic 8, 9, 10, 11, 12	478512	$24.70	• English Language Arts • Universal Strategies
Support Learning Resources					
Episode 1: The Job Interview; Episode 2: Resume Writing; Episode 3: Today's Labour Market; Episode 4: Career Planning; Episode 5: Shopping for a School; Episode 7: Professional Transport Driving; Episode 10: Careers in Metal Machining *Career Forward Series*	2001	Support 10, 11, 12	Vendor Direct (KineticVideoCom)		
Careers in Hospitality and Tourism	2001	Support 8, 9, 10, 11, 12	BPN 20889 01 (VHS) 20889 02 (DVD) (ACCESS–The Education Station)		
Clothing: Fashion, Fabrics and Construction (3rd Ed.) (Student Text)	1997	Support 8, 9, 10, 11, 12	337916	$87.80	
Clothing: Fashion, Fabrics and Construction (4th Ed.) (Student Text)	2003	Support 8, 9, 10, 11, 12	484634	$74.55	
Cool Cars *Popular Mechanics for Kids (Season 1)*	1997	Support 10, 11	BPN 20692-004 (DVD) (ACCESS–The Education Station)		• Science
Creative Living (7th Ed.)	2000	Support 10, 11, 12			• Universal Strategies
• Creative Living (7th Ed.) (Student Text)			515455	$80.35	
• Creative Living (7th Ed.): Student Workbook			515463	$15.85	
Discovering Life Skills	2004	Support 8, 9			• Universal Strategies • Fabrics • Foods • Workplace Readiness
• Discovering Life Skills (1st Ed.) (Student Text)			548399	$67.00	
• Discovering Life Skills (1st Ed.): Student Workbook			548430	$15.65	
Goal Setting: Planning for Your Future	1998	Support 8, 9, 10, 11, 12	BPN 2073401 (ACCESS–The Education Station)		• Universal Strategies
Impacts of Tourism (Video with Teacher's Notes)	2001	Support 10, 11, 12	611170	$98.20	• Science • Social Studies

Career Awareness (continued)

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Foolproof Ways to Find a Job: Sharpening Job Hunting Techniques; Resumes, Cover Letters, and Portfolios: Tools to Land a Job; Make the Interview Count: Six P's of Job Interviews *Job Connection Series*	1999	Support 10, 11, 12	BPN 2063400 (ACCESS–The Education Station)		
NEW Knowledge and Employability Studio (Online Guide to Implementation) «http://www.learnalberta.ca/content-teacher/kes/index.html?launch=true»	2005	Support 8, 9, 10, 11, 12			• All Strands
The Little Trapper	1999	Support 8, 9	Vendor Direct (National Film Board)		• English Language Arts • Social Studies
Read to Live (Web Site) (Student Portion) «http://www.education.gov.ab.ca/k_12/curriculum/bysubject/ke/Readtolive/index.html»	2006	Support 8, 9, 10, 11, 12			• All Strands
Reading for Today	2001	Support 9, 10			• English Language Arts • Universal Strategies
• Reading for Today: Book Four			517641	$23.65	
• Reading for Today: Workbook Four			517667	$17.35	
Reading for Today	2001	Support 10, 11			• English Language Arts • Universal Strategies
• Reading for Today: Book Five			517675	$23.65	
• Reading for Today: Workbook Five			517683	$17.35	
Reading for Today	2001	Support 11, 12			• English Language Arts • Universal Strategies
• Reading for Today: Book Six			517691	$23.65	
• Reading for Today: Workbook Six			517708	$17.35	
Self-concept: Discovering Who You Are	1998	Support 10, 11, 12	BPN 20739-01 (ACCESS–The Education Station)		• Universal Strategies
Step into the Trades	2003	Support 8, 9, 10, 11, 12	Out of print		
Study Skills: Simple Strategies to Improve Study Techniques	2001	Support 8, 9, 10, 11, 12	BPN 20618 01 (ACCESS–The Education Station)		• Universal Strategies
Technology in Action (2nd Ed.) (Student Text)	2002	Support 8, 9	548323	$61.75	• Science • Art/Design and Communication
Today's Teen (7th Ed.)	2004	Support 8, 9			• Universal Strategies • Art/Design and Communication • Fabrics • Foods • Workplace Readiness
• Today's Teen (7th Ed.) (Student Text)			541236	$69.60	
• Today's Teen (7th Ed.): Student Workbook			547838	$14.90	

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Career Awareness (continued)

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Teaching Resources					
The Alberta Framework of Essential Competencies for Working, Learning and Living	2001	Teaching 8, 9, 10, 11, 12			• English Language Arts • Mathematics • Universal Strategies
• Alberta Framework of Essential Competencies for Working, Learning and Living: Action Planner and Framework			461799	$10.00	
Classroom Strategies for Interactive Learning (2nd Ed.)	2001	Teaching 8, 9, 10, 11, 12	Out of print		• English Language Arts • Mathematics • Science • Social Studies • Universal Strategies
Clothing: Fashion, Fabrics and Construction (3rd Ed.)	1997	Teaching 8, 9, 10, 11, 12			
• Clothing: Fashion, Fabrics and Construction (3rd Ed.): Teacher's Annotated Edition			337908	$111.85	
• Clothing: Fashion, Fabrics and Construction (3rd Ed.): Teacher's Classroom Resources			350455	$405.60	
Creative Living (7th Ed.)	2000	Teaching 10, 11, 12			• Universal Strategies
• Creative Living (7th Ed.): Color Transparency Package			515504	$155.20	
• Creative Living (7th Ed.): Teacher's Classroom Resources			515497	$363.85	
• Creative Living (7th Ed.): Teacher's Wraparound Edition			515489	$99.30	
Discovering Life Skills	2004	Teaching 8, 9			• Universal Strategies • Fabrics • Foods • Workplace Readiness
• Discovering Life Skills (1st Ed.): Student Workbook: Teacher Annotated Edition			548539	$35.00	
• Discovering Life Skills (1st Ed.): Teacher Resource Guide			548563	$111.00	
• Discovering Life Skills (1st Ed.): Effective Instruction CD–ROM			548571	$227.80	
• Discovering Life Skills (1st Ed.): Student Motivation Kit			548456	$173.60	
Electricity and Magnetism Geokit *Physical Science Series*	2002	Teaching 9, 10, 11, 12	547218	$396.30	• Science
How to Assess Authentic Learning (4th Ed.)	2005	Teaching 8, 9, 10, 11, 12	623068	$54.90	• English Language Arts • Mathematics • Science • Social Studies • Universal Strategies
The Mindful School: How to Assess Authentic Learning (3rd Ed.)	1999	Teaching 8, 9, 10, 11, 12	Out of print		• English Language Arts • Mathematics • Science • Social Studies • Universal Strategies
Read to Live (Web Site) (Teacher Portion) «http://www.education.gov.ab.ca/k_12/curriculum/bysubject/ke/Readtolive/index.html»	2006	Teaching 8, 9, 10, 11, 12			• All Strands
Read to Live (CD–ROM)	2006	Teaching 8, 9, 10, 11, 12	Pending		• All Strands
Reading for Today: Instructor's Guide *Reading for Today*	2001	Teaching 9, 10, 11, 12	517716	$32.60	• English Language Arts • Universal Strategies

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Career Awareness (continued)

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Step into the World of Workplace Learning: A Collection of Authentic Workplace Materials	2001	Teaching 10, 11, 12	515314	$42.05	• English Language Arts
Module Four: Job Maintenance *Success in Entering the Workplace: Essential Competencies for Career Transitions*	2003	Teaching 8, 9, 10, 11, 12	538986	$156.75	
Module Five: Personal and Workplace Safety *Success in Entering the Workplace: Essential Competencies for Career Transitions*	2004	Teaching 8, 9	551813	$78.90	• Universal Strategies • All Occupational Strands
Success in Entering the Workplace: Essential Competencies for Career Transitions	1999	Teaching 8, 9, 10, 11, 12			• Universal Strategies
• Series Manual and Module One: Job Preparation: Instructor's Guide and Learning Resources (Revised Edition)			516403	$156.75	
• Module Two: The Planning Project; Module Three: The Proactivity Project			516411	$61.05	
Technology in Action (2nd Ed.): Interactive CD–ROM (Windows / Macintosh Version)	2002	Teaching 8, 9	548373	$95.10	• Science • Art/Design and Communication
Technology in Action (2nd Ed.): Teachers Resource Guide	2002	Teaching 8, 9	548331	$136.90	• Science • Art/Design and Communication
Today's Teen (7th Ed.)	2004	Teaching 8, 9			• Universal Strategies • Art/Design and Communication • Fabrics • Foods • Workplace Readiness
• Today's Teen (7th Ed.): Student Workbook: Teacher Annotated Edition			547862	$31.70	
• Today's Teen (7th Ed.): Teacher Resource Guide			547846	$101.00	
• Today's Teen (7th Ed.): Student Motivation Kit			547854	$173.60	
• Today's Teen (7th Ed.): Effective Instruction CD–ROM			547870	$227.80	
• Today's Teen (7th Ed.): Transparency Package			547888	$136.90	
• Today's Teen (7th Ed.): Teacher Wraparound Edition			541690	$113.50	
What's Up in Technology (Video with Teacher's Curriculum Guide)	1998	Teaching 10, 11, 12	538796	$99.40	• Science
NEW Work Safe Alberta: Workplace Health and Safety Kit (includes Teacher Resource Binder 1 - September 2006, Teacher Resource Binder 2 - September 2006, Workplace Health and Safety Teacher Toolkit)	(2006)	Teaching 8, 9, 10, 11, 12	676926	$131.25	• All Strands

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Universal Strategies

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Basic Learning Resources					
Making It Work: A Handbook for Reading, Writing, Language, and Media	2003	Basic 10, 11, 12	515281	$28.40	• English Language Arts • Career Awareness
The Road Ahead: Reading Selections for Canadian Students (Student Anthology)	2003	Basic 10, 11, 12	515273	$41.00	• English Language Arts • Career Awareness
Steck-Vaughn Connections: Basic Skills in Reading	2000	Basic 8, 9, 10, 11, 12	478504	$24.70	• English Language Arts • Career Awareness
Steck-Vaughn Connections: Basic Skills in Writing	2000	Basic 8, 9, 10, 11, 12	478512	$24.70	• English Language Arts • Career Awareness
Support Learning Resources					
Communicating Self-esteem	1998	Support 8, 9	BPN 20738-01 (ACCESS–The Education Station)		
Conflict Resolution: A Winning Approach (Video with Teacher's Notes)	1997	Support 10, 11, 12	BPN 20601-01 (ACCESS–The Education Station)		
Creative Living (7th Ed.)	2000	Support 10, 11, 12			• Career Awareness
• Creative Living (7th Ed.) (Student Text)			515455	$80.35	
• Creative Living (7th Ed.): Student Workbook			515463	$15.85	
Discovering Life Skills	2004	Support 8, 9			• All Strands
• Discovering Life Skills (1st Ed.) (Student Text)			548399	$67.00	
• Discovering Life Skills (1st Ed.): Student Workbook			548430	$15.65	
Goal Setting: Planning for Your Future	1998	Support 8, 9, 10, 11, 12	BPN 20734-01 (ACCESS–The Education Station)		• Career Awareness
NEW Knowledge and Employability Studio (Online Guide to Implementation) «http://www.learnalberta.ca/content-teacher/kes/index.html?launch=true»	2005	Support 8, 9, 10, 11, 12			• All Strands
Making Decisions and Being Assertive: Knowing Your Mind, Speaking Your Mind	2000	Support 10, 11, 12	453762	$98.20	• English Language Arts
Media Interrupted Series	2001	Support 10, 11, 12	BPN 20632 00 (ACCESS–The Education Station)		• English Language Arts • Social Studies
Why We Do What We Do; Why We Buy What We Buy; Sexual Stereotypes					
Read to Live (Web Site) (Student Portion) «http://www.education.gov.ab.ca/k_12/curriculum/bysubject/ke/Readtolive/index.html»	2006	Support 8, 9, 10, 11, 12			• All Strands
Reading for Today	2001	Support 9, 10			• English Language Arts • Career Awareness
• Reading for Today: Book Four			517641	$23.65	
• Reading for Today: Workbook Four			517667	$17.35	

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Universal Strategies (continued)

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Reading for Today	2001	Support 10, 11			• English Language Arts • Career Awareness
• Reading for Today: Book Five			517675	$23.65	
• Reading for Today: Workbook Five			517683	$17.35	
Reading for Today	2001	Support 11, 12			• English Language Arts • Career Awareness
• Reading for Today: Book Six			517691	$23.65	
• Reading for Today: Workbook Six			517708	$17.35	
Self-concept: Discovering Who You Are	1998	Support 10, 11	BPN 20739-01 (ACCESS–The Education Station)		• Career Awareness
Study Skills: Simple Strategies to Improve Study Techniques	2001	Support 8, 9, 10, 11, 12	BPN 20618 01 (ACCESS–The Education Station)		• Career Awareness
Today's Teen (7th Ed.)	2004	Support 8, 9			• Art/Design and Communication • Fabrics • Foods • Career Awareness • Workplace Readiness
• Today's Teen (7th Ed.) (Student Text)			541236	$69.60	
• Today's Teen (7th Ed.): Student Workbook			547838	$14.90	

Teaching Resources

The Alberta Framework of Essential Competencies for Working, Learning and Living	2001	Teaching 8, 9, 10, 11, 12			• English Language Arts • Mathematics • Career Awareness
• Alberta Framework of Essential Competencies for Working, Learning and Living: Action Planner and Framework			461799	$10.00	
Bully Dance / La danse des brutes *ShowPeace*	2000	Teaching 8, 9	514118	$58.40	
Classroom Strategies for Interactive Learning (2nd Ed.)	2001	Teaching 8, 9, 10, 11, 12	Out of print		• English Language Arts • Mathematics • Science • Social Studies • Career Awareness
Creative Living (7th Ed.)	2000	Teaching 10, 11, 12			• Career Awareness
• Creative Living (7th Ed.): Color Transparency Package			515504	$155.20	
• Creative Living (7th Ed.): Teacher's Classroom Resources			515497	$363.85	
• Creative Living (7th Ed.): Teacher's Wraparound Edition			515489	$99.30	
Dinner for Two / Dîner intime *ShowPeace*	1997	Teaching 8, 9	472598	$58.40	

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Universal Strategies (continued)

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
NEW *Discovering Life Skills*	2004	Teaching 8, 9			• All Strands
• Discovering Life Skills (1st Ed.): Student Workbook: Teacher Annotated Edition			548539	$35.00	
• Discovering Life Skills (1st Ed.): Teacher Resource Guide			548563	$111.00	
• Discovering Life Skills (1st Ed.): Effective Instruction CD–ROM			548571	$227.80	
• Discovering Life Skills (1st Ed.): Student Motivation Kit			548456	$173.60	
How to Assess Authentic Learning (4th Ed.)	2005	Teaching 8, 9, 10, 11, 12	623068	$54.90	• English Language Arts • Mathematics • Science • Social Studies • Career Awareness
In Your Face: Why Courtesy and Respect	1998	Teaching 10, 11, 12	519788	$147.25	
The Mindful School: How to Assess Authentic Learning (3rd Ed.)	1999	Teaching 8, 9, 10, 11, 12	Out of print		• English Language Arts • Mathematics • Science • Social Studies • Career Awareness
Read to Live (CD–ROM)	2006	Teaching 8, 9, 10, 11, 12	Pending		• All Strands
Read to Live (Web Site) (Teacher Portion) «http://www.education.gov.ab.ca/k_12/curriculum/bysubject/ke/Readtolive/index.html»	2006	Teaching 8, 9, 10, 11, 12			• All Strands
Reading for Today: Instructor's Guide *Reading for Today*	2001	Teaching 9, 10, 11, 12	517716	$32.60	• English Language Arts • Career Awareness
Success in Entering the Workplace: Essential Competencies for Career Transitions	1999	Teaching 8, 9, 10, 11, 12			• Career Awareness
• Series Manual and Module One: Job Preparation: Instructor's Guide and Learning Resources (Revised Edition)			516403	$156.75	
• Module Two: The Planning Project; Module Three: The Proactivity Project			516411	$61.05	
Module Five: Personal and Workplace Safety *Success in Entering the Workplace: Essential Competencies for Career Transitions*	2004	Teaching 8, 9	551813	$78.90	• Career Awareness • All Occupational Strands
Think Again: Thinking Tools for Grades 6 to 10	2003	Teaching 8, 9, 10, 11, 12	517196	$89.00	• English Language Arts • Social Studies
Thinking Tools for Kids: Practical Organizers	1999	Teaching 8, 9, 10, 11, 12	385395	$88.25	• English Language Arts • Science • Social Studies

Universal Strategies (continued)

Knowledge and Employability

Series / Title	Copyright Date	Status / Grade(s)	LRC Order No.	Price	Also Approved for:
Today's Teen (7th Ed.)	2004	Teaching 8, 9			• Art/Design and Communication • Fabrics • Foods • Career Awareness • Workplace Readiness
• Today's Teen (7th Ed.): Student Workbook: Teacher Annotated Edition			547862	$31.70	
• Today's Teen (7th Ed.): Teacher Resource Guide			547846	$101.00	
• Today's Teen (7th Ed.): Student Motivation Kit			547854	$173.60	
• Today's Teen (7th Ed.): Effective Instruction CD–ROM			547870	$227.80	
• Today's Teen (7th Ed.): Transparency Package			547888	$136.90	
• Today's Teen (7th Ed.): Teacher Wraparound Edition			541690	$113.50	
Tools for Learning	2001	Teaching 8, 9, 10, 11, 12	482133	$39.40	• English Language Arts • Social Studies
When the Dust Settles / Et la poussière retombe *ShowPeace*	1997	Teaching 8, 9	Out of print		
NEW Work Safe Alberta: Workplace Health and Safety Kit (includes Teacher Resource Binder 1 - September 2006, Teacher Resource Binder 2 - September 2006, Workplace Health and Safety Teacher Toolkit)	(2006)	Teaching 8, 9, 10, 11, 12	676926	$131.25	• All Strands

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Knowledge and Employability

Mathematics
Grades 8–12

Annotated Bibliography
Listed Alphabetically
by Title

LRC Order No.: Est. Price:

The Alberta Framework of Essential Competencies for Working, Learning and Living

• Alberta Framework of Essential Competencies for Working, Learning and Living: Action Planner **461799** **$10.00**

Teaching Resource Grade(s) 8, 9, 10, 11

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

The *Alberta Framework of Essential Competencies* consists of a set of essential competencies (skills, knowledge and work effort) that promote success in everyday living. The folder also includes information that explains the framework and how it can be used. The competencies are organized into four dimensions: Building Personal Capacity, Interacting and Communicating, Planning and Managing, and Using Data and Computer Technology. Within each dimension there are two sub-competency areas; e.g., Building Personal Capacity is divided into Personal Management and Managing Transitions. The other sub-competency areas are Working with Others, Communicating (including ESL and literacy), Thinking, Achieving Results, Numeracy, and Computer Technology. Each competency has five performance indicators that can be taught and learned, and the outcome observed. An individual can start where he or she is and progress as he or she wishes. The individual competency statements are intended to be incorporated into new and existing curricula. The accompanying CD-ROM *Action Planner* is a Word document that encompasses the competencies and a self-assessment form that teachers may use with students in part or in whole to identify strengths and opportunities for growth.

Comments:

• Most of the competencies included in the Framework are not ones that people are usually hired for, but many are ones that people are often fired for lacking.

©2001

LRC Order No.: Est. Price:

Basic Math Skills

- **Basic Math Skills (Student Text)** **616287** **$78.35**
- **Basic Math Skills: Teacher's Edition** **616295** **$116.90**
- **Basic Math Skills: Teacher's Resource Library** (Macintosh / Windows Version) **616302** **$341.35**

Basic / Teaching Resource Grade(s) 9

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

This resource consists of a teacher's edition, student text and teacher's resource library CD–ROM. For each lesson, the teacher's edition shows an illustration of the student text pages and a summary of the lesson. A warm-up activity, mathematics vocabulary and a suggestion for teaching the lesson are also included. A Learning Styles section provides tips on teaching students who have different learning styles. In the Community, At Home and Career Interest Inventory sections include ideas for class discussion of real-world applications for the various mathematics operations. It also points out a variety of common errors made by students, technology connections and mental mathematics challenges. The alternate activities that correspond with the lesson are illustrated on the same page as the lesson. Alternative assessments using a variety of media provide for assessment of a broad range of knowledge, skills and attitudes.

The student text is divided into 13 chapters: Whole Numbers; Number Theory; Fractions; Decimals; Ratio and Proportion; Percent; Introduction to Geometry; Metric Measurement; Customary Measurement; Measuring Circles, Cylinders, and Time; Graphs; Scale Drawing; and Introduction to Algebra. The lessons are clearly defined with a bold heading on the top of each page. There are adequate student practice exercises.

The teacher's resource library CD–ROM includes mastery tests for each chapter, a midterm test and a final test. It also includes a set of blackline masters that cover the same content as the regular activities, but are written at a lower grade level. The answers to the assessments on the CD–ROM are given in the teacher's edition.

Comments:

- Many pages of practice are included without providing a context. Teachers will have to modify these to include a context that is relevant to their students' experiences.
- The student text is relatively text-heavy. Some sections are not part of the Knowledge and Employability Mathematics course, while the Statistics and Probability Strand is not covered.
- At various places in the teachers' resources, references are made to an "Online Connection." Alberta Education does not review or authorize these Web sites. Teachers are encouraged to preview these Web sites before allowing their students to use them.

©2003 **Author(s):** Treff, A.; Jacobs, D.

LRC Order No.: Est. Price:

Classroom Strategies for Interactive Learning (2nd Ed.)

Out of print

Teaching Resource Grade(s) 8, 9, 10, 11, 12

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
✓	✓	✓	✓		✓	✓

This teacher professional resource offers a collection of classroom teaching strategies that can be applied to a variety of subject areas. The resource describes over 45 different strategies, providing step-by-step instructions on how to use them, as well as examples, variations and advantages of each. The book addresses cognitive processes, such as activating/focusing, selecting/organizing and integrating/applying. It also examines a variety of text frames, such as cause/effect, concept/definition, problem/solution, compare/contrast and proposition/support. A section on student activities addresses developing vocabulary, brainstorming ideas, learning cooperatively, promoting discussion, encouraging writing and building study skills. This section also promotes interactive reading and graphic representation of thoughts and ideas.

©2001 **Author(s):** Buehl, D.

Essentials of Mathematics 10

- **Essentials of Mathematics 10 (Student Text)** **505414** **$45.60**
- **Essentials of Mathematics 10: Teacher Resource Book** **Vendor Direct**

Basic / Teaching Resource Grade(s) 10

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

Essentials of Mathematics 10 covers relevant topics in six chapters, using a variety of everyday and work-related mathematical problems and operations. Chapter headings include Wages, Salaries and Expenses, Personal Banking and Consumer Decisions. The focus is on the application of basic mathematics in everyday situations. This resource contains a variety of activities, samples of real life forms and other student tools, applications using technology, and teacher/student assessment tools and strategies. The resource integrates activities and expectations at school, at home, at the workplace and in the community. *Essentials of Mathematics 10* contains photographs, tables, charts, graphs and other visuals that are appropriate for high school students. Each chapter also includes career connections, hints for completing mathematical operations, mental math activities, problem-solving analysis and games. Projects and other activities encourage teamwork.

Comments:

- Metric (SI) and Imperial measurement systems are addressed.

©2001 **Author(s):** Baron, C. et al.

BC Government Publication Services; 563 Superior Street, VICTORIA, BC V8W 9V7
Telephone: 800–663–6105; 250–287–6409

LRC Order No.: Est. Price:

Essentials of Mathematics 11

• Essentials of Mathematics 11 (Student Text)

• Essentials of Mathematics 11: Teacher Resource Book

Basic / Teaching Resource Grade(s) 11 **Vendor Direct**

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

Essentials of Mathematics 11 covers Number Concepts, Measurement, and Statistics and Probability in the Grade 11 Knowledge and Employability Mathematics course. Content includes the following chapters: Income and Debt; Data Analysis; Owning and Operating a Vehicle; Measurement and Technology; Relations and Formulas; Applications of Probability; Personal Income Tax; and Preparing a Business Plan. Each lesson includes a suggested Chapter Project section as well as a Notebook Assignment section that provides exercises and problems for students to copy and complete in their notebooks. Career connections interspersed in the text provide information on such topics as job titles, current wages, career goals, suggested keywords for further career-related research and potential follow-up activities. Connections to everyday and real-life applications are provided. The resource has an appropriate format and reading level for most students in Knowledge and Employability courses.

The Teacher Resource Book provides chapter planners that suggest the lesson focus, project activities, materials required and estimated time for a lesson. Included with the lesson are Materials and Resources, Instructional Strategies, Project Activities, Assessment Strategies and Solutions. Appendices provide further information on Instructional Strategies, Assessment Rubrics and blackline masters.

Comments:

• The resource is weak in 3-D Objects/2-D Shapes, Patterns and Relations and includes content that is not part of the Alberta mathematics curriculum.

©2002 **Author(s):** Baron, C. et al.

BC Government Publication Services; 563 Superior Street, VICTORIA, BC V8W 9V7

Telephone: 800–663–6105; 250–287–6409

Springboards for Teaching Series

Helping Low Achievers Succeed at Mathematics **482604** **$24.55**

Teaching Resource Grade(s) 8, 9

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

The opening section of this resource provides insight into the characteristics and needs of low achieving mathematics students. The remainder of the resource provides a variety of games and activities for teaching students about place value, measurement, numbers and operations, common fractions and money. The rationale for each activity is provided, along with clear instructions and a list of required materials. The activities relate to meaningful, everyday experiences for students. Each activity is success-oriented, thereby promoting student self-confidence. The first section of the resource could be used as an inservice for mathematics teachers.

Comments:

• Time is required to make/gather the necessary materials for the activities.

©1999 **Author(s):** Haylock, D.; D'Eon, M.

How to Assess Authentic Learning (4th Ed.)

LRC Order No.: 623068 Est. Price: $54.90

Teaching Resource Grade(s) 8, 9, 10, 11

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
✓	✓	✓	✓			

This teacher professional resource explores various alternative forms of assessment, providing the rationale and background for each. By incorporating the assessment tools suggested, teachers can promote strategies for student learning. The resource provides instructions on how to produce personal assessment tools and gives valuable examples of each. It deals with a variety of assessment methods, including learning standards, standardized tests, teacher-made tests, rubrics, portfolios, metacognitive reflection, observation checklists, graphic organizers and interviews. The 4th edition includes some new examples of rubrics, updated research on assessment, more emphasis on standards and more special education examples.

©2005 **Author(s):** Burke, K.

Knowledge and Employability Studio (Online Guide to Implementation)

(http://www.learnalberta.ca/content-teacher/kes/index.html?launch=true)

Support Resource Grade(s) 8, 9, 10, 11, 12

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
✓	✓	✓	✓	✓	✓	✓

The Knowledge and Employability Studio is the online guide to implementation for the Knowledge and Employability courses. There are four levels in the Studio. The Main Lobby contains program updates, contact information, a video introduction and a virtual tour of the Studio. New update information is displayed on the screen in the lobby. Curriculum Foundations, found on Level 2, contains activities and strategies to support teachers and students with the implementation of four core subjects: English language arts, social studies, science and mathematics. Click on the title of the course for further information. Within each subject are folders that contain resources aligned with the program of studies outcomes within that subject area. Level 3 contains information on each of the occupational strands. Poster-like artwork displays the names of each strand. In the same manner as the second level, each icon, when opened, illustrates a collection of activities and strategies aligned with the program of studies outcomes within each occupational strand. Workstations for administrators, teachers, students, parents and industry are found on Level 4. The folders and resources function in the same manner as the other levels but reveal learning and teaching resources to support teachers, students and parents. The Administrators Workstation contains the *Information Manual for Knowledge and Employability Courses*. The Industry Workstation contains information for employers working with students in off-campus situations.

©2005

	LRC Order No.:	Est. Price:
Life Skills Math		
• **Life Skills Math (Student Text)**	**653601**	**$78.35**
• **Life Skills Math: Student Workbook**	**653619**	**$38.60**
• **Life Skills Math: Teacher's Edition** (also Teaching for Mathematics, Grade 10)	**616310**	**$116.90**
• **Life Skills Math: Teacher's Resource Library** (Macintosh / Windows Version)	**653635**	**$341.35**
• **Life Skills Math: Teaching Strategies in Math Transparencies**	**653669**	**$106.40**
• **Life Skills Math: Workbook Answer Key**	**Pending**	
• **Life Skills Math: Skill Track Software** (Windows / Macintosh Version)	**653627**	**$685.00**

Basic / Teaching Resource Grade(s) 8, 9

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

Life Skills Math deals with the basic outcomes identified in Knowledge and Employability junior high school mathematics. This resource teaches students basic math skills needed for everyday living. Some of the topics covered are adjusting recipes, fractions in the home, spending and earning money, using percents and working with interest. The resource provides various examples and topic/concept extensions that extend student learning beyond the classroom and into the home, workplace and community. The resource is logically organized and user friendly. Teachers can use the student workbook or the teacher's resource library (same topics, but at a lower reading level) to find blackline masters. The skill track software tracks individual student progress.

Comments:

• Additional resources are identified in this resource, but have not been reviewed or authorized by Alberta Education.

• This resource contains American content (focuses primarily on imperial units of measurement, although some references to metric units are mentioned). Teachers may wish to substitute Canadian examples and/or supplement the resource with Canadian materials.

©2003 **Author(s):** Jacobs, D.H.; Treff, A.V.

Springboards for Teaching Series

Mathematics Every Elementary Teacher Should Know **482612** **$24.55**

Teaching Resource Grade(s) 8, 9, 10, 11

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

This resource provides hands-on suggestions for teachers to use when explaining the processes of adding, subtracting, multiplying and dividing with whole numbers; adding and subtracting integers; calculating using decimals, fractions and percents; measuring (including area and perimeter); calculating probability; and classifying shapes. The resource includes clear activities that demonstrate to students why math works the way it does. These activities are particularly useful for students who need to understand the process before they can perform it.

Comments:

• The resource is best suited for teachers of junior high Knowledge and Employability students, but the techniques would be appropriate for students of any age who lack an understanding of basic math processes.

©1999 **Author(s):** Haylock, D.; McDougall, D.

	LRC Order No.:	Est. Price:
• **Mathematics for Everyday Life 11 (Student Text)**	**515306**	**$59.95**
• **Mathematics for Everyday Life 11: Teacher's Resource** (with Spreadsheet Templates CD–ROM)	**519829**	**$135.70**

Support / Teaching Resource Grade(s) 10, 11

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

This visually appealing Canadian text helps older students in Knowledge and Employability to learn the math they will need in everyday life. The resource focuses on practical issues related to employment earnings, income tax, purchases, credit cards, banking, investing, travel and purchasing a car. Topics are introduced using interesting, everyday situations to generate and sustain interest. Most topics covered relate to working with money, decimals, percents and ratios. Chapters in the teacher's guide parallel those in the student text, with each chapter outlining what students are expected to learn. The guide includes exercises and accompanying blackline masters, career information, chapter reviews, chapter tests and assessment plans for each chapter. It also suggests accommodations for students with special needs.

Comments:

• The text does not address mathematics outcomes related to variables, equations, measurement, 3-D objects, 2-D shapes, transformations, statistics or probability.

©2003 **Author(s):** Carli, E. et al.

The Mindful School: How to Assess Authentic Learning (3rd Ed.)

Out of print

Teaching Resource Grade(s) 8, 9, 10, 11, 12

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
✓	✓	✓	✓		✓	✓

This teacher professional resource explores various alternative forms of assessment, providing the rationale and background for each. By incorporating the assessment tools suggested, teachers can promote strategies for student learning. The resource provides instructions on how to produce personal assessment tools and gives valuable examples of each. It deals with a variety of assessment methods, including learning standards, standardized tests, teacher-made tests, rubrics, portfolios, metacognitive reflection, observation checklists, graphic organizers and interviews.

©1999 **Author(s):** Burke, K.

	LRC Order No.:	Est. Price:
• **Modified Mathematics 8 (Western Edition): Teacher's Resource Package**	**435447**	**$299.80**
• **Modified Mathematics 9 (Western Edition): Teacher's Resource Package**	**435455**	**$299.80**

Teaching Resource Grade(s) 8, 9

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

Modified Mathematics, Grade 8 and Grade 9 are teacher resources comprised of worksheets, teaching strategies and assessment tools. They are intended for regular program students who need remediation, but some pages/sections are appropriate for use with some students in Knowledge and Employability.

©2000 **Author(s):** Klass, C. J.

Numeracy at Work

Out of Print

Support Resource Grade(s) 10, 11

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

Numeracy at Work is a collection of examples describing how mathematics is used in a selected sample of Canadian employment opportunities. The resource addresses the quantitative skills needed to complete tasks, acknowledging that these quantitative skills are used in conjunction with other essential skills. The binder includes the following sections: Money Math, Scheduling, Budgeting and Accounting, Measurement and Calculation, Data Analysis, and Numerical Estimation. Foundational mathematics skills, authentic applications and work-based examples are provided in each chapter. Each chapter also includes a series of activities that reviews and reinforces the skills taught in that chapter, as well as answers for the activities.

Comments:

• The reading level of this resource ranges from Grade 7 to Grade 12, making it appropriate for use with teacher assistance.

©2002 **Author(s):** Fownes, L.; Thompson, E.; Evetts, J. (eds.)

	LRC Order No.:	Est. Price:
Pacemaker Basic Mathematics (3rd Ed.)		
• Pacemaker Basic Mathematics (3rd Ed.) (Student Text)	**611203**	**$63.00**
• Pacemaker Basic Mathematics: Workbook	**611211**	**$31.80**
• Pacemaker Basic Mathematics (3rd Ed.): Teacher's Answer Edition	**611229**	**$92.40**
• Pacemaker Basic Mathematics (3rd Ed.): Teacher's Planning Guide	**611245**	**$80.20**
• Pacemaker Basic Mathematics (3rd Ed.): Classroom Resource Binder	**611237**	**$276.90**

Basic / Teaching Resource Grade(s) 8, 9, 10

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

Pacemaker Basic Mathematics is an effective resource for the Grade 8 Knowledge and Employability Mathematics course. This resource has many useful components, including a basic student textbook at an appropriate reading level, Teacher's Planning Guide, a student workbook with extra practice questions and a Classroom Resource Binder containing blackline masters. The Teacher's Planning Guide contains numerous suggestions for cooperative learning strategies, enrichment activities and alternative assessment. The student textbook includes sections called Math in Your Life and On-the-Job Math that provide real-life contexts for learning.

Comments:

- This resource contains American content that teachers may wish to replace or augment with appropriate Canadian content.
- The use of commas rather than spaces to separate numbers is not consistent with Canadian usage.
- This resource includes sections that are not part of the Knowledge and Employability Mathematics course.

©2000

Box Cars & One Eyed Jacks Series

Radical Math (Volume X): Card & Dice Games for Grades 6 to 12 (Millenium Edition)	**482159**	**$38.55**

Teaching Resource Grade(s) 8, 9

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓					

Radical Math is the 2001 Millennium volume in the Box Cars & One-Eyed Jacks series of educational games. The resource consists of 100 games that engage students in enjoyable, hands-on learning experiences using cards, regular dice and special dice. The games are designed to help students learn basic mathematics skills related to whole numbers, decimals, integers, fractions, ratios and percents. There are several games to choose from in each category.

Comments:

- Some of the games are beyond the scope and level of Knowledge and Employability.
- Teachers will need to clearly link the games to the Knowledge and Employability Mathematics learning outcomes.

©2001 **Author(s):** Currarh, J.; Felling, J.

LRC Order No.: Est. Price:

- **Read to Live (CD–ROM)**
- **Read to Live (Web Site) (Student Portion)**

  (http://www.education.gov.ab.ca/k_12/curriculum/bysubject/ke/ReadtoLive/index.html)
- **Read to Live (Web Site) (Teacher Portion)**

  (http://www.education.gov.ab.ca/k_12/curriculum/bysubject/ke/ReadtoLive/index.html)

Support / Teaching Resource Grade(s) 8, 9, 10, 11, 12

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
	✓	✓	✓	✓	✓	✓

Read to Live provides information, strategies and activities that teachers can use to engage and support students who are experiencing difficulties with reading. The focus is on helping students think about reading in a new way by connecting classroom experiences with students' lifeworlds.

This resource, which is a series of workshops to enhance student literacy at the junior and senior high school levels, is intended for teachers who are new to teaching, new to teaching students with reading difficulties or just looking for extra support. It can also be used by more experienced teachers to mentor colleagues and create a community of practice.

The first workshop, **Introduction: Responsive Teaching**, describes an approach to teaching reading that focuses on addressing students' unique learning needs. This is followed by three more in-depth workshops, which explore different elements of reading: **Contexts of Reading**, **Active Reading** and **Multiple Texts/ Multiple Literacies**. Each of these workshops contains three sections: Background, Reading Strategies and Teaching Strategies.

The workshops can be explored in multiple sittings, in whatever way is most useful. Teachers can explore the information in any order; however, teachers new to teaching reading or to the concepts covered may find it most useful to start with the Background.

Background

The background section summarizes important concepts, research findings and other information on the topic. Links provide further information on relevant theorists and researchers.

Reading Strategies

The reading strategies section offers sample strategies teachers can model, teach and reinforce to help students become more effective readers. These strategies apply and build on the concepts in the background section.

Teaching Strategies

The teaching strategies section provides sample instructional strategies and activities teachers can use to strengthen students' understanding and motivation.

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LRC Order No.: 676926 Est. Price: $131.25

Work Safe Alberta: Workplace Health and Safety Kit (includes Teacher Resource Binder 1 - September 2006; Teacher Resource Binder 2 - September 2006; Workplace Health and Safety Teacher Toolkit)

Teaching Resource Grade(s) 8, 9, 10, 11, 12

English Language Arts	Mathematics	Science	Social Studies	Occupational Courses	Career Awareness	Universal Strategies
✓	✓	✓	✓	✓	✓	✓

The *Workplace Health and Safety Teacher Resource Binders* and *Teacher Toolkit* were developed as a joint initiative by Alberta Education and Alberta Human Resources and Employment to support teachers in the delivery of workplace health and safety outcomes. The resource actively promotes the safety of all workers in Alberta, particularly young workers, and documents Alberta health and safety legislation and regulations. Students will become aware of their rights and responsibilities with respect to workplace health and safety concerns.

The two-binder set of workplace health and safety information is divided into seven chapters: legislation, health and safety management systems, physical hazards, chemical hazards, biological hazards, psychosocial hazards and ergonomics. Each chapter includes topic-specific content that is followed by a supplemental information section with course-specific, industry-specific or occupation-specific information. Teacher notes, handouts, overheads and additional resources are also included with each chapter. The accompanying *Workplace Health and Safety Teacher Toolkit* complements the resource binders with posters, publications, cards and CDs. The toolkit is organized into nine sections: statistics, videos, posters, cards, publications, general, employment and standards information, workers' compensation information and other.

Comments:

- This resource has the potential for transfer to any school or workplace setting.
- The resource contains reference to a workplace fatality (page 12 of the legislation section) that was widely reported in the Alberta media. Teacher judgement is advised in the use of this reference as students who knew the deceased or were related to him might be in the classroom.

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Knowledge and Employability

Vendors/Distributors
Mathematics
Grades 8 to 12

VENDORS/DISTRIBUTORS

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KineticVideoCom
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Learning Resources Centre (LRC)
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Internet: http://www.lrc.education.gov.ab.ca

National Film Board of Canada
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